

Application No. 10/539231
Reply to Action dated 10/08/2010

IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1-10. (Canceled).

11. (Currently Amended) A cartridge, comprising:
a receptacle body, including an upper surface; and
a plurality of wells formed in the receptacle body, the plurality of wells including:
at least one storage well, including:
an upper opening flush with the upper surface of the receptacle body, and
a closed bottom for containing a liquid, and
at least one reaction well, including:
an upper opening flush with the upper surface of the receptacle body, and
a closed bottom for providing a reacting field;
wherein a closure is attached to the upper surface of the receptacle body for closing at least the upper opening of the storage well, and
wherein at least one of the storage well and the reaction well includes an inner surface provided with an adhering liquid moving groove extending from the upper opening flush with the upper surface of the receptacle body to an intermediate position short of the bottom of the receptacle body for downwardly moving the liquid which adheres on a peripheral portion of the upper opening of the well and on the closure by overcoming a surface tension of the adhering liquid, the adhering liquid moving groove being provided without a fillet, the adhering liquid moving groove having a lower end positioned below a surface of the liquid when the well contains a desired amount of the liquid.

12. (Original) The cartridge according to claim 11, wherein the liquid comprises at least one of a reagent, a diluent, and a cleaning solution.

13. (Original) The cartridge according to claim 11, wherein the liquid comprises a

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reagent.

14. (Original) The cartridge according to claim 13, wherein the reagent is necessary for causing immune reaction.
15. (Original) The cartridge according to claim 14, wherein the reagent is made by dispersing an immune reactant, which reacts selectively with a specific component in a sample, in liquid as supported on solid particles.
16. (Previously Presented) The cartridge according to claim 11, wherein the closure comprises a sheet that contacts an upper end of the adhering liquid moving groove.
17. (Previously Presented) The cartridge according to claim 16, wherein there are a plurality of storage wells,
the sheet collectively covering the upper openings of the storage wells.
18. (Previously Presented) The cartridge according to claim 16, wherein the sheet covers the upper openings of at least two wells including the storage well.
19. (Canceled)
20. (Previously Presented) The cartridge according to claim 11, the adhering liquid moving groove is rectangular or round in section.
21. (Previously Presented) The cartridge according to claim 11, the adhering liquid moving groove is V-shaped in section.
22. (Previously Presented) The cartridge according to claim 11, the adhering liquid moving groove extends linearly and vertically.
23. (Previously Presented) The cartridge according to claim 11, the adhering liquid moving

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groove extends spirally.

24. (Previously Presented) The cartridge according to claim 11, the adhering liquid moving groove including an upper end that contacts the closure.

25. (Canceled)